AUTODOC CLUB

How to change rear brake discs on **AUDI A3 Hatchback (8P1)** – replacement guide

SIMILAR VIDEO TUTORIAL

This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A3 Hatchback (8P1) 1.6 E-Power, AUDI A3 Hatchback (8P1) 2.0 FSI, AUDI A3 Hatchback (8P1) 1.6, AUDI A3 Hatchback (8P1) 2.0 TDI 16V, AUDI A3 Hatchback (8P1) 1.9 TDI, AUDI A3 Hatchback (8P1) 2.0 TDI, AUDI A3 Hatchback (8P1) 3.2 V6 quattro, AUDI A3 Hatchback (8P1) 1.6 FSI, AUDI A3 Hatchback (8P1) 2.0 TDI quattro, AUDI A3 Hatchback (8P1) 2.0 TFSI, AUDI A3 Hatchback (8P1) 2.0 TFSI quattro, AUDI A3 Hatchback (8P1) 2.0 TDI 16V quattro, AUDI A3 Hatchback (8P1) S3 quattro, AUDI A3 Hatchback (8P1) 1.8 TFSI, AUDI A3 Hatchback (8P1) 1.8 T, (+ 4)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Saloon (362) 2.0 TDI

REPLACEMENT: BRAKE DISCS – AUDI A3 HATCHBACK (8P1). LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- XZN socket bit # 14
- Torx bit T27
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Rubber mallet
- Impact screwdriver
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the brake disks on the car AUDI A3 Hatchback (8P1) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – AUDI A3 Hatchback (8P1) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Connect the scan and service tool.

2 Put the parking brake system into service mode.

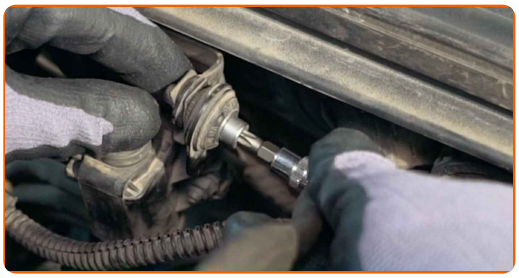
3 Open the hood.

4 Clean the brake fluid reservoir cap. Use a brake cleaner.

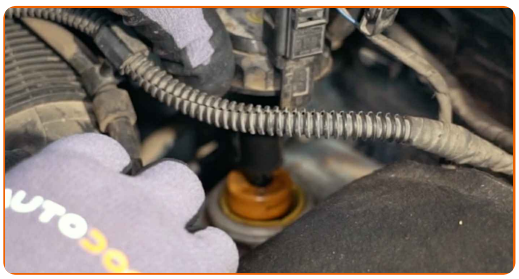
AUTODOC recommends:

- Replacement: brake discs – AUDI A3 Hatchback (8P1). After applying the spray, wait a few minutes.

5 Unscrew the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.



6 Unscrew the brake fluid reservoir cap.



7 Secure the wheels with chocks.

8 Loosen the wheel mounting bolts. Use wheel impact socket #17.

9 Raise the rear of the car and secure on supports.

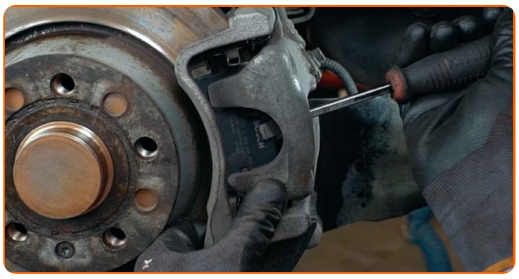
10 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
  AUDI A3 Hatchback (8P1)

11 Remove the wheel.

12 Spread the brake pads. Use a crowbar.



13 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

14 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

15 Remove the brake caliper.

Replacement: brake discs – AUDI A3 Hatchback (8P1). Tip:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

16 Remove the brake pads.

17 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

18 Unscrew the caliper bracket fastening. Use XZN #14. Use a tap wrench.

19 Remove the caliper bracket.

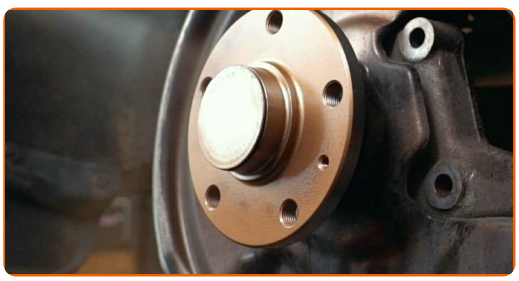
20 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

21 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

22 Remove the brake disc. Use a rubber mallet.

23 Clean the hub. Use a wire brush.

24 Treat the contacting surface. Use copper grease.



25 Install the brake disc.

26 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.

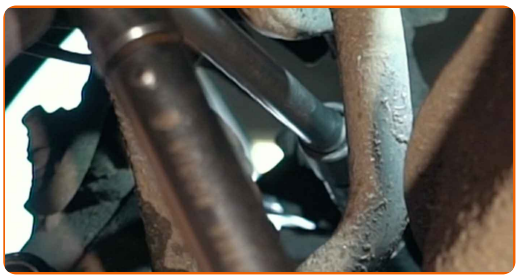
27 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – AUDI A3 Hatchback (8P1). After applying the spray, wait a few minutes.

28 Install the brake caliper bracket.

29 Tighten the brake caliper bracket. Use XZN #14. Use a torque wrench. Tighten it to 90 Nm torque.+90°

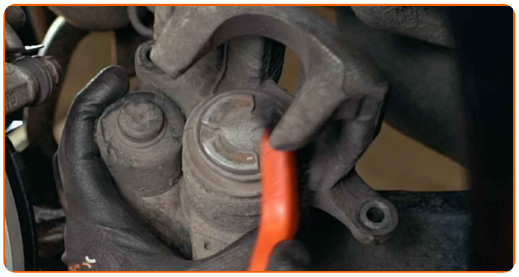


AUTODOC recommends:

- Important! Be sure to use new fasteners.

30 Install the brake pads.

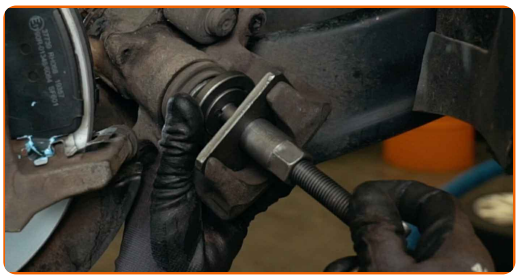
31 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



Replacement: brake discs – AUDI A3 Hatchback (8P1). AUTODOC experts recommend:

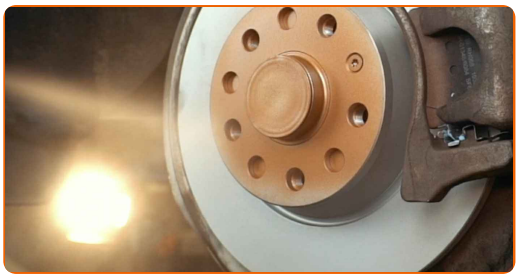
- After applying the spray, wait a few minutes.

32 Press in the brake caliper piston. Use brake caliper wind back tool.



33 Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

34 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



35 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – AUDI A3 Hatchback (8P1). After applying the spray, wait a few minutes.

36 Install the wheel.

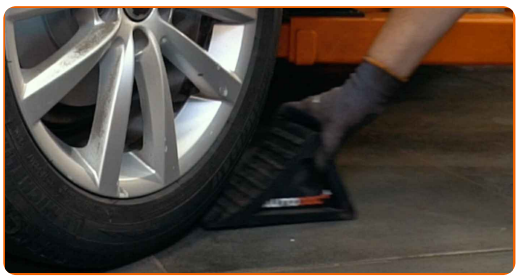
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. AUDI A3 Hatchback (8P1)

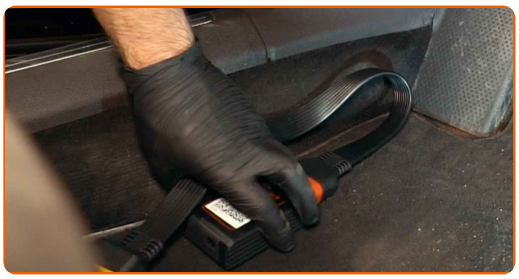
37 Screw in the wheel bolts. Use wheel impact socket #17.

38 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

39 Remove the jacks and chocks.



40 Deactivate the service mode of the parking brake system. Disconnect the scan and service tool.

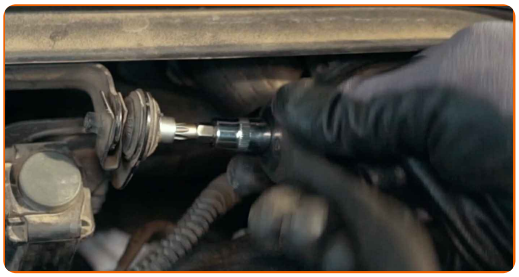


Replacement: brake discs – AUDI A3 Hatchback (8P1). AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

41 Tighten the brake fluid reservoir cap.

42 Install the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.



43 Close the hood.

WELL DONE!

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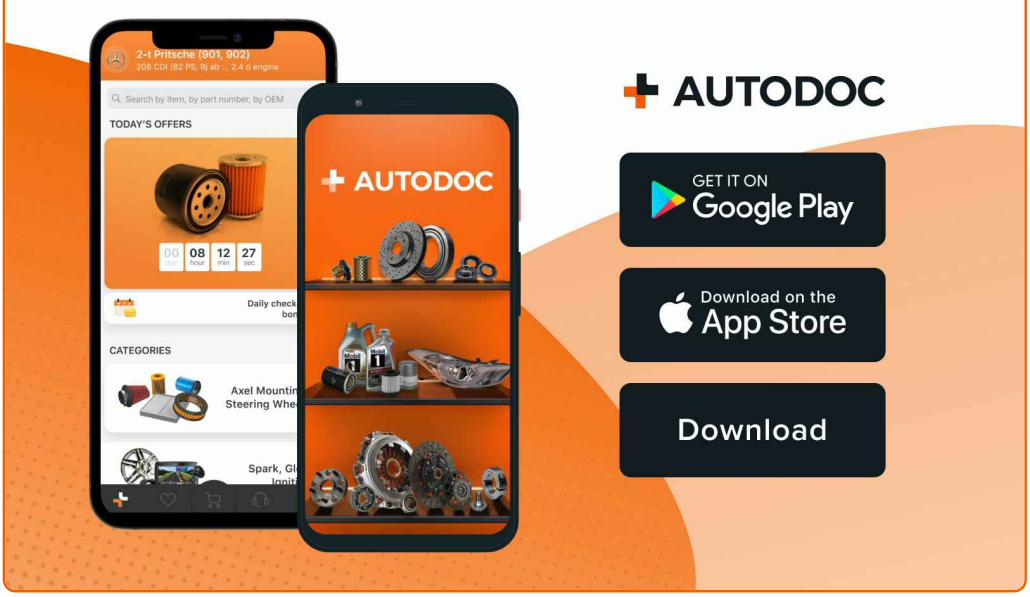

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BRAKE DISCS: A WIDE SELECTION

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